| L Number | Hits | Search Text | DB | Time stamp |
|-------------|----------|--|--|---------------------|
| 1 | 904 | (down\$1stream) adj (software application) | USPAT; US-PGPUB; | 2004/09/26 10:25 |
| 2 | 21095523 | @ad<=20010829 | EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2004/09/26 10:19 |
| 3 | 5950 | reply adj (message queue) | DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2004/09/26 |
| 4 | 123 | (down\$1stream) with reply | DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/09/26 |
| 5 | 1 | ((down\$1stream) adj (software application)) and @ad<=20010829 and (reply adj (message queue)) and ((down\$1stream) with reply) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/09/26 |
| 6 | 1 | ((down\$1stream) adj (software application)) and @ad<=20010829 and ((down\$1stream) with reply) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/09/26 10:24 |
| 7 | 498 | ((down\$1stream) adj (software application)) and @ad<=20010829 | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/09/26 10:25 |
| 8 | 67 | (((down\$1stream) adj (software application)) and @ad<=20010829) and message | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/09/26 |
| 9 | 64 | ((((down\$1stream) adj (software application)) and @ad<=20010829) and message) not (ibm international).as. | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/09/26 10:26 |
| 10 | 38 | <pre>(((((down\$1stream) adj (software application)) and @ad<=20010829) and message) not (ibm international).as.) and repl\$4</pre> | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/09/26 |
| 11 | 14 | (((((down\$1stream) adj (software application)) and @ad<=20010829) and message) not (ibm international).as.) and (reply replying) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/09/26 10:28 |
| 12 | 10 | ((((((down\$1stream) adj (software application)) and @ad<=20010829) and message) not (ibm international).as.) and (reply replying)) and ((interval period) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/09/26 10:30 |
| 13 | 11 | <pre>with time) ((((((down\$1stream) adj (software application)) and @ad<=20010829) and message) not (ibm international).as.) and (reply replying)) and ((calculat\$4 determin\$3 compar\$4) with (interval period time))</pre> | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/26 10:30 |
| 19 | 65 | (background adj task) and 718/1-108.ccls. | USPAT; US-PGPUB | 2004/09/26 |
| 20 | 1749 | refresh adj counter | USPAT; US-PGPUB | 2004/09/26 10:58 |

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| 21 | 378 | (gather\$3 determin\$3 access\$3 allocat\$4) | USPAT; | 2004/09/26 |
|----|------|--|------------------------|------------|
| | : | with (refresh adj counter) | US-PGPUB | 10:59 |
| 22 | 279 | @ad<=20010829 and ((gather\$3 determin\$3 | USPAT; | 2004/09/26 |
| | | access\$3 allocat\$4) with (refresh adj | US-PGPUB | 10:59 |
| 22 | 17 | counter)) | USPAT; | 2004/09/26 |
| 23 | 17 | (@ad<=20010829 and ((gather\$3 determin\$3 | US-PGPUB | 10:59 |
| | | access\$3 allocat\$4) with (refresh adj | US FGFUB | 10.39 |
| | 1006 | <pre>counter))) and messages (up\$1stream down\$1stream) adj application</pre> | USPAT; | 2004/09/26 |
| - | 1006 | (upsistream downsistream) adj appiroacion | US-PGPUB; | 10:19 |
| | | | EPO; JPO; | 10.15 |
| | | | DERWENT; | |
| | | | IBM TDB | |
| _ | 1761 | (message with queue).ab. | USPAT; | 2004/09/25 |
| | | (| US-PGPUB; | 13:53 |
| | | | EPO; JPO; | l i |
| | | | DERWENT; | l i |
| 1 | | | IBM_TDB | |
| - | 27 | ((input and output) adj queue) near2 | USPAT; | 2004/09/25 |
| | | (group\$3 cluster bunch collection set) | US-PGPUB; | 13:57 |
| | | · | EPO; JPO; | 1 |
| | | | DERWENT; | |
| 1 | | | IBM_TDB | 2004/00/25 |
| - | 5607 | message adj queu\$4 | USPAT; | 2004/09/25 |
| | | | US-PGPUB; | 13:56 |
| | | | EPO; JPO; DERWENT; | |
| | | | IBM TDB | |
| | 3 | (((input and output) adj queue) near2 | USPAT; | 2004/09/25 |
| _ | 3 | (((input and output) adj quede; hear? (group\$3 cluster bunch collection set)) | US-PGPUB; | 13:56 |
| | | and (message adj queu\$4) | EPO; JPO; | 13.30 |
| | | and (message ad) quedy4/ | DERWENT; | |
| | | | IBM TDB | |
| _ | 3 | @ad<=20010829 and ((((input and output) | USPAT; | 2004/09/25 |
| | | adj queue) near2 (group\$3 cluster bunch | US-PGPUB; | 13:56 |
| | | collection set)) and (message adj | EPO; JPO; | |
| | | queu\$4)) | DERWENT; | |
| | | | IBM_TDB | |
| _ | 63 | ((input and output) adj queue) with | USPAT; | 2004/09/25 |
| | | manager | US-PGPUB; | 14:39 |
| | | | EPO; JPO; | |
| | | | DERWENT; | |
| | | | IBM_TDB | 2004/09/25 |
| 7 | · 4 | | USPAT; | 14:11 |
| | | output) adj queue) with manager) and @ad<=20010829 | US-PGPUB; EPO; JPO; | 1.1.11 |
| | | Gau-20010029 | DERWENT; | |
| | | | IBM TDB | |
| _ | 1 | ((message adj queu\$4) and (((input and | USPAT; | 2004/09/25 |
| | | output) adj queue) with manager) and | US-PGPUB; | 14:12 |
| | | (@ad<=20010829) and (counter interval) | EPO; JPO; | |
| | | | DERWENT; | |
| | | | IBM_TDB | |
| - | 4 | 1 / (| USPAT; | 2004/09/25 |
| | | output) adj queue) with manager) and | US-PGPUB; | 14:37 |
| | | @ad<=20010829) and (ID identifier | EPO; JPO; | |
| | 1 | identification) | DERWENT; | |
| | | | IBM_TDB | 2004/00/25 |
| - | 3 | ((message adj queu\$4) and (((input and | USPAT; | 2004/09/25 |
| | | output) adj queue) with manager) and | US-PGPUB; | 14:37 |
| | | @ad<=20010829) and (number with messages) | EPO; JPO; | |
| | | | DERWENT; | |
| _ | 1 | ((input and output) add guess) with | IBM_TDB USPAT; | 2004/09/25 |
| - | 1 | ((input and output) adj queue) with (count\$3 amount) with messages | US-PGPUB; | 14:42 |
| | | (Courteys amount) with messages | EPO; JPO; | |
| | | | DERWENT; | |
| | | | IBM TDB | |
| | | <u> </u> | 1 | 1 |

| US-PGPUB; EPO; JPO; DERWENT; IMN TDB USPAT; US-PGPUB; USPAT; | | | | | |
|---|-----|------|--|-----------|------------|
| Peo, JPo DERWENT IRM TDB USPAT; (determin\$3 with number with message with Uspat (determin\$3 with number with message with Uspat (determin\$3 with number with message with Uspat (determin\$3 with number with message with (determin\$3 with number adj2 message) (determin\$4 with message) (determin\$5 with number adj2 message) (determin\$6 with number adj2 message) | - | 6572 | (status state) near3 task | USPAT; | 2004/09/25 |
| - | | | | | 14:43 |
| 2 ((input and output) adj queue) with | | İ | | EPO; JPO; | |
| 2 | | | | DERWENT; | 1 |
| Comparison with number with message US-pcpUB; EPO; JPO; DERWENT; IBM TDB USFAT; US-pcpUB; EPO; JPO; DERWENT; IBM TDB USFAT; | | | | | |
| 2022 determin\$3 with number with message with queue determin\$3 with number with message with queue) and @ad<=20010829 determin\$3 with number with message with queue) and @ad<=20010829 determin\$3 with number with message with queue) and ((status state) near3 (active activation)) with task SEPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; PO DERWENT; IBM TDB USPAT; US-PGPUB; PO DERWENT; IBM TDB USPAT; US-PGPUB; PO; JPO; DERWENT; PO; JPO; | - | 2 | | USPAT; | 2004/09/25 |
| 2022 determin\$3 with number with message with queue determin\$3 with number with message with queue) and @ad<=20010829 determin\$3 with number with message with queue) and @ad<=20010829 determin\$3 with number with message with queue) and ((status state) near3 (active activation)) with task SEPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; PO DERWENT; IBM TDB USPAT; US-PGPUB; PO DERWENT; IBM TDB USPAT; US-PGPUB; PO; JPO; DERWENT; PO; JPO; | | | (determin\$3 with number with message) | US-PGPUB; | 14:42 |
| 202 determin\$3 with number with message with queue ((status state) near3 task) and (determin\$3 with number with message with queue) and @ad<=20010829 | | | | EPO; JPO; | |
| 202 determin\$3 with number with message with queue ((status state) near3 task) and (determin\$3 with number with message with queue) and @ad<=20010829 ((status state) near3 (active activation)) with task (determin\$3 with number with message with queue) and (((status state) near3 (active activation)) with task (determin\$3 with number with message with queue) and (((status state) near3 (active activation)) with task (determin\$3 with (number adj2 message) with queue) and (((status state) near3 (active activation)) with task) and @ad<=20010829 (((status state) near3 (active activation)) with task) and @ad<=20010829 (((status state) near3 (active activation)) with task) and (determin\$3 with (number adj2 message) with queue) and @ad<=20010829 (((status state) near3 (active activation)) with task) and (determin\$3 with (number adj2 message) with queue) and @ad<=20010829 (((determin\$3 with (number adj2 message) with queue) and @ad<=20010829 (((determin\$3 with (number adj2 message) with queue) and @ad<=20010829 ((((determin\$3 with (number adj2 message) with queue) and ((((compar\$3 with (number adj2 message) with queue) and (((compar\$3 with (number adj2 message) with queue) and (((((compar\$3 with (number adj2 message) with queue) and ((((((compar\$3 with (number adj2 message) with queue) and (((((((((((((((((((((((((((((((((((| | | | DERWENT; | |
| Queue | | | | IBM TDB | |
| Queue | _ | 202 | determin\$3 with number with message with | USPAT; | 2004/09/25 |
| - 4 | | | | US-PGPUB; | 14:45 |
| 4 | | | • | EPO; JPO; | 1 |
| - | | | | DERWENT; | |
| - | | | | IBM TDB | |
| | | 4 | ((status state) near3 task) and | _ | 2004/09/25 |
| queue) and @ad<=20010829 EPO; JPO; DERWENT; IBM TDB 2004/09/25 14:45 2004/09/25 14:45 2004/09/2 | | • | (determin\$3 with number with message with | US-PGPUB; | 14:45 |
| A | | | queue) and Gad<=20010829 | | 1 |
| 457 ((status state) near3 (active activation)) with task | i i | | queue, and each zooroozo | · · | |
| 457 ((status state) near3 (active activation)) with task | | | | | |
| 1 | | 157 | //status state) near? /active | _ | 2004/09/25 |
| The content of the | - | 43/ | | | |
| 1 | | | activation) with task | | |
| 1 | | | | · , | 1 |
| | | | | | |
| 1 queue) and (((status state) near3 (active activation)) with task) and @ad<=20010829 DERWENT; IBM TDB USPAT; US-PGFUB; BFO; JPO; DERWENT; IBM TDB USPAT; US-PGFUB; BFO; JPO; DERWENT; IBM TDB USPAT; US-PGFUB; BFO; JPO; DERWENT; IBM TDB USPAT; US-PGFUB; DERWENT; DERWEN | | 1 | (determined) with number with maggage with | | 2004/09/25 |
| activation)) with task) and @ad<=20010829 | | 1 | (determinas with number with message with | | |
| determin\$3 with (number adj2 message) | | | queue) and (((status state) nears (active | | 14.40 |
| determin\$3 with (number adj2 message) USPAT; USPGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; USPGPUB; USPGPUB; USPAT; USPGPUB; USPGPUB; USPAT; USPGPUB; | | | activation)) with task) and ead<=20010029 | 1 | |
| determin\$3 with (number adj2 message) | | | | | |
| With queue DERWENT; IBM_TDB USPAT; IBM_TDB | | | 140 | | 2004/09/25 |
| Compar\$3 with (number adj2 message) UsPAT; | - | 69 | | | |
| 1 | | | with queue | | 14.54 |
| 1 (((status state) near3 (active activation)) with task) and (determin\$3 with (number adj2 message) with queue) and @ad<=20010829 - 58 (determin\$3 with (number adj2 message) with queue) and @ad<=20010829 - 49 ((determin\$3 with (number adj2 message) with queue) and @ad<=20010829 - 49 ((determin\$3 with (number adj2 message) with queue) and @ad<=20010829 - 49 ((determin\$3 with (number adj2 message) with queue) and @ad<=20010829) not (ibm international).as. - 2417 refresh adj (interval counter) - 0 (refresh adj (interval counter)) and (compar\$3 with (predetermined adj (uspAT; uspGPUB (spAT; uspGPU | | | | | |
| 1 | | | | | |
| Compar\$3 with (number adj2 message) with queue) and (determin\$3 with (number adj2 message) with queue) and (determin\$3 with (number adj2 message) USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPGPUB; USPAT; USPGPUB; USPAT; USPGPUB; USPAT; USPGPUB; USPAT; USPGPUB USPAT; | | | | | 2004/00/25 |
| with (number adj2 message) with queue) and @ad<=20010829 Second Formula | - | 1 | (((status state) near3 (active | | • |
| and @ad<=20010829 Second Comparts and Com | | | activation)) with task) and (determins) | | 14:54 |
| - S8 (determin\$3 with (number adj2 message) with queue) and @ad<=20010829 49 ((determin\$3 with (number adj2 message) with queue) and @ad<=20010829 | | | | | |
| - S8 (determin\$3 with (number adj2 message) with queue) and @ad<=20010829 49 ((determin\$3 with (number adj2 message) with queue) and @ad<=20010829) not (ibm international).as. - 2417 refresh adj (interval counter) - 0 (refresh adj (interval counter)) and (compar\$3 with (predetermined adj interval) - 1 (determin\$3 with (number adj2 message) with queue) and (refresh adj (interval counter)) and (compar\$3 with (number adj2 message) with queue) and (refresh adj (interval counter)) - 1 (determin\$3 with (number adj2 message) with queue) and (refresh adj (interval counter)) - 2004/09/25 uspat; - 2004/09/25 uspat | | | and @ad<=20010829 | | |
| with queue) and @ad<=20010829 49 ((determin\$3 with (number adj2 message) with queue) and @ad<=20010829) not (ibm international).as. 2417 refresh adj (interval counter) (refresh adj (interval counter)) (compar\$3 with (predetermined adj uspAT; 2004/09/25 us-pGPUB (compar\$3 with (predetermined adj interval uspAT; 2004/09/25 us-pGPUB (counter)) (determin\$3 with (number adj2 message) with queue) and (refresh adj (interval uspAT; 2004/09/25 us-pGPUB (spAT; 2004/09/25 uspAT; 20 | | | | - | 2004/00/25 |
| 49 ((determin\$3 with (number adj2 message) with queue) and @ad<=20010829) not (ibm international).as. 2417 refresh adj (interval counter) (refresh adj (interval counter) (compar\$3 with (predetermined adj uspAT; us-pGPUB (compar\$3 with (predetermined adj interval)) (determin\$3 with (number adj2 message) with queue) and (refresh adj (interval uspAT; us-pGPUB 15:16 uspAT; us-pGPUB 15:25 us-pGPUB 15:26 us-pGPUB 15:16 us-pGPUB 15:16 us-pGPUB 15:16 us-pGPUB 15:16 us-pGPUB 15:16 us-pGPUB 15:46 us-pGPUB 15:46 | - | 58 | | | 1 |
| d9 ((determin\$3 with (number adj2 message) with queue) and @ad<=20010829) not (ibm international).as. 2417 refresh adj (interval counter) (compar\$3 with (predetermined adj interval)) (determin\$3 with (number adj2 message) with queue) and (refresh adj (interval counter)) (determin\$3 with (number adj2 message) with queue) and (refresh adj (interval counter)) ((up\$1stream down\$1stream) adj application) and (compar\$3 with (predetermined adj interval)) (up\$2stream down\$1stream) adj application) and (compar\$3 with (predetermined adj interval)) | | | with queue) and @ad<=20010829 | | 14.33 |
| 49 ((determin\$3 with (number adj2 message) with queue) and @ad<=20010829) not (ibm international).as. 2417 refresh adj (interval counter) (refresh adj (interval counter)) and (compar\$3 with (predetermined adj interval)) (determin\$3 with (number adj2 message) with queue) and (refresh adj (interval counter)) (up\$1stream down\$1stream) adj application) and (compar\$3 with (predetermined adj interval)) (up\$2stream down\$1stream) adj application) and (compar\$3 with (predetermined adj interval)) [IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB USPAT; | | | | I . | 1 |
| - 49 ((determin\$3 with (number adj2 message) with queue) and @ad<=20010829) not (ibm international).as. - 2417 refresh adj (interval counter) - 0 (refresh adj (interval counter)) and (compar\$3 with (predetermined adj interval) (determin\$3 with (number adj2 message) with queue) and (refresh adj (interval counter)) - 1 (up\$1stream down\$1stream) adj application) and (compar\$3 with (predetermined adj interval)) - 2004/09/25 15:16 2004/09/25 15:25 15:16 2004/09/25 15:16 | | | | 1 | |
| with queue) and @ad<=20010829) not (ibm international).as. 2417 refresh adj (interval counter) (refresh adj (interval counter) (refresh adj (interval counter)) and (compar\$3 with (predetermined adj interval)) (determin\$3 with (number adj2 message) with queue) and (refresh adj (interval counter)) ((up\$1stream down\$1stream) adj application) and (compar\$3 with (predetermined adj interval)) (predetermined adj interval)) USPAT; 2004/09/25 15:16 2004/09/25 2 | | | | | 2004/09/25 |
| international).as. EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB USPAT; U | - | 49 | ((determins3 with (number adj2 message) | I . | |
| DERWENT; IBM_TDB USPAT; US-PGPUB 15:16 USPAT; US-PGPUB 15:25 US-PGPUB 15:25 US-PGPUB USPAT; US-PGPUB | | | | I . | 14:20 |
| - 2417 refresh adj (interval counter) - (refresh adj (interval counter)) and (compar\$3 with (predetermined adj interval)) - (determin\$3 with (number adj2 message) with queue) and (refresh adj (interval us-pgpub 15:25 - (up\$1stream down\$1stream) adj application) and (compar\$3 with (predetermined adj interval)) - (up\$1stream down\$1stream) adj application) and (compar\$3 with (predetermined adj interval)) | | | international).as. | | |
| - 2417 refresh adj (interval counter) O (refresh adj (interval counter)) and (compar\$3 with (predetermined adj interval)) O (determin\$3 with (number adj2 message) with queue) and (refresh adj (interval us-PGPUB 15:16 O (qup\$1stream down\$1stream) adj application) and (compar\$3 with (predetermined adj interval)) O (qup\$1stream down\$1stream) adj application) and (compar\$3 with (predetermined adj interval)) | | | | | |
| US-PGPUB 15:16 (refresh adj (interval counter)) and (compar\$3 with (predetermined adj interval)) (determin\$3 with (number adj2 message) USPAT; 2004/09/25 with queue) and (refresh adj (interval counter)) ((up\$1stream down\$1stream) adj application) and (compar\$3 with (predetermined adj interval)) US-PGPUB 15:16 US-PGPUB 15:25 US-PGPUB 15:25 US-PGPUB 15:25 US-PGPUB 15:25 US-PGPUB 15:25 US-PGPUB 15:46 | | | | | 2004/00/25 |
| - 0 (refresh adj (interval counter)) and (compar\$3 with (predetermined adj interval)) - 1 (determin\$3 with (number adj2 message) with queue) and (refresh adj (interval counter)) - 0 ((up\$1stream down\$1stream) adj application) and (compar\$3 with (predetermined adj interval)) USPAT; 2004/09/25 15:16 USPAT; 2004/09/25 15:46 | - | 2417 | refresh adj (interval counter) | | |
| (compar\$3 with (predetermined adj interval)) 1 (determin\$3 with (number adj2 message) | | | | 1 | |
| interval)) 1 (determin\$3 with (number adj2 message) | _ | 0 | | | |
| - 1 (determin\$3 with (number adj2 message) with queue) and (refresh adj (interval counter)) - 0 ((up\$1stream down\$1stream) adj application) and (compar\$3 with (predetermined adj interval)) 1 (determin\$3 with (number adj2 message) USPAT; US-PGPUB 15:16 2004/09/25 15:46 | | | | US-PGPUB | 15:25 |
| with queue) and (refresh adj (interval counter)) ((up\$1stream down\$1stream) adj uSPAT; 2004/09/25 application) and (compar\$3 with (predetermined adj interval)) | 1 | 1 | | | 0004/00/05 |
| counter)) ((up\$1stream down\$1stream) adj | - | 1 | | | |
| - 0 ((up\$1stream down\$1stream) adj uSPAT; 2004/09/25 application) and (compar\$3 with uS-PGPUB 15:46 | | | | US-PGPUB | 15:16 |
| application) and (compar\$3 with US-PGPUB 15:46 (predetermined adj interval)) | 1 | | | | |
| (predetermined adj interval)) | - | 0 | | | |
| (predetermined adj interval)) 550 ((up\$1stream down\$1stream) adj USPAT: 2004/09/25 | | | | US-PGPUB | 15:46 |
| $l = 1$ 559 $l \cdot l \cdot l$ 559 $l \cdot l \cdot l$ 1 $l \cdot l \cdot l$ 2 $l \cdot l \cdot l$ 3 $l \cdot l \cdot l$ 2 $l \cdot l \cdot l$ 3 $l \cdot l$ 3 | | 1 | (predetermined adj interval)) | | |
| | - | 559 | | USPAT; | 2004/09/25 |
| application) and (storage memory) US-PGPUB 15:46 | | | application) and (storage memory) | US-PGPUB | 15:46 |